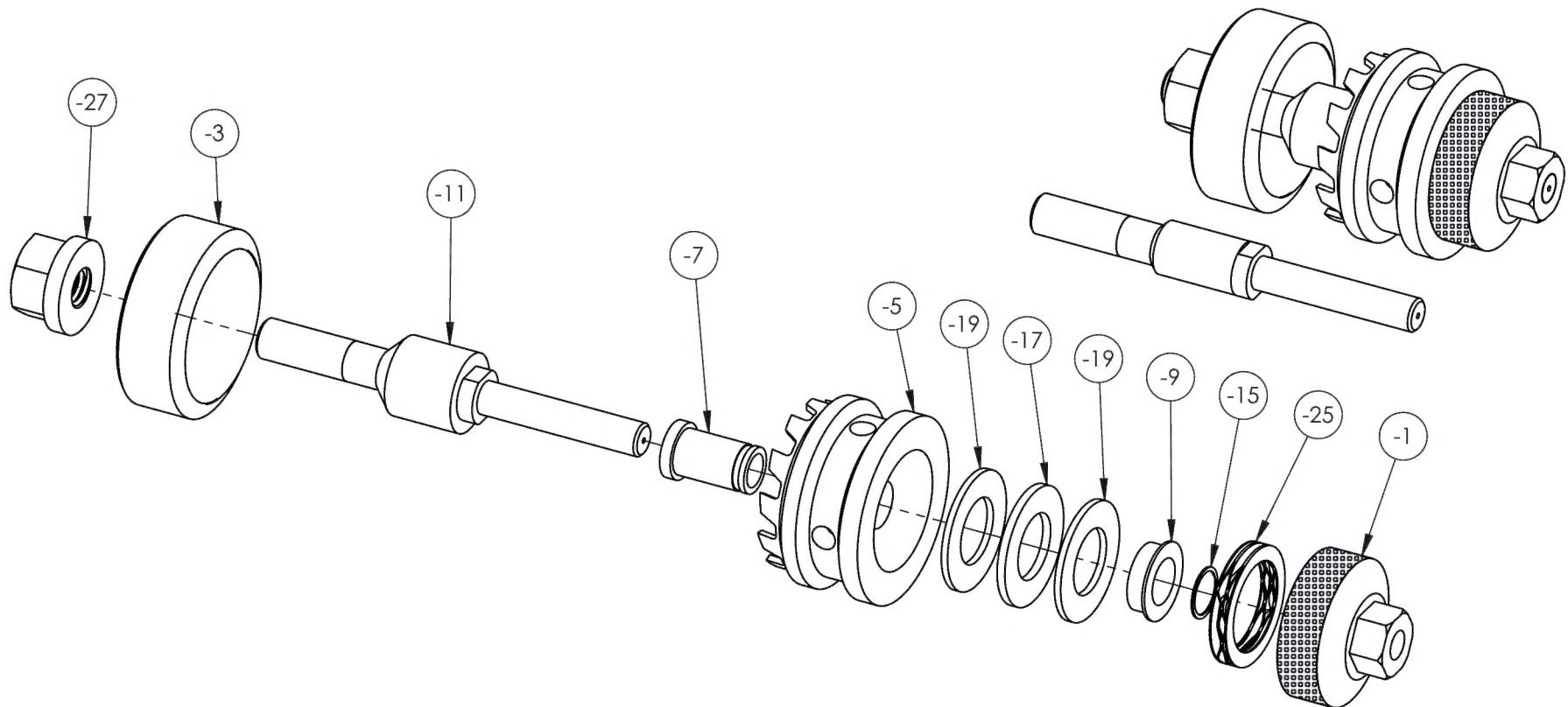


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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED
1	SHT 7 CH'D DIMENSION FROM .436/.432 TO .437 +.0/-005, ADDED REF DIMENSIONS	12/17/2012	JAG	

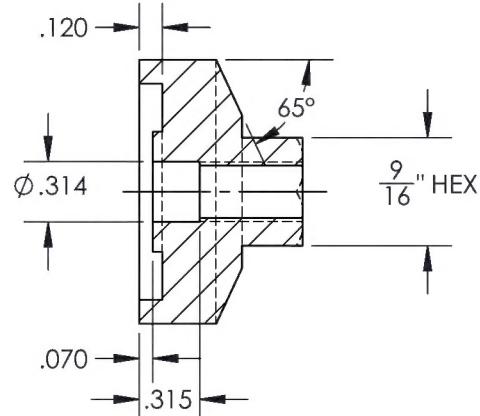
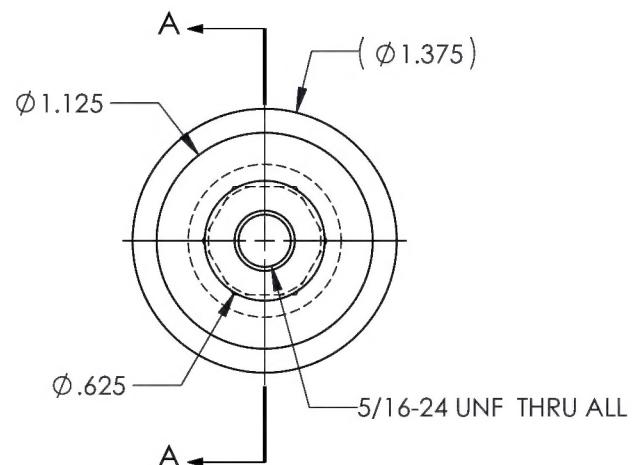
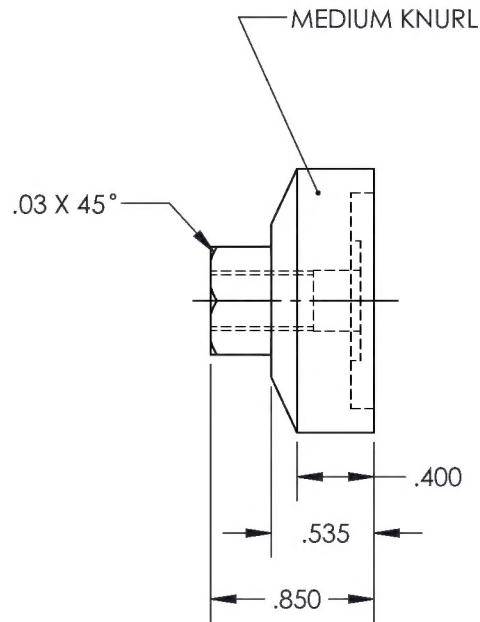
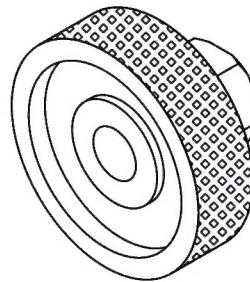


ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
			-1	1	SPRING TENSIONER	1018	Ø1-1/2 X 1	2
			-3	1	SEAT	4140 Q & T	Ø1-3/4 X 3/4	3
			-5	1	CUTTER	0-1 DRILL ROD	Ø1-3/4 X 1-1/4	4
			-7	1	GUIDE	BRONZE	Ø5/8 X 1	5
			-9	1	BUSHING	BRONZE	Ø3/4 X 3/8	6
			-11A	1	STUD	4140 Q & T	Ø3/4 X 4	7
			-11B	1	STUD	4140 Q & T	Ø1/2 X 4	7
B/O	-15	1			SPRIAL RETAINING RING	STEEL	Ø7/16 SHAFT MCMASTER-CARR #91665A350	1
B/O	-17	1			THRUST BEARING		Ø5/8 ID X 1-1/8 OD X 5/64 APPLIED #NTA-1018	1
B/O	-19	2			THRUST WASHER		Ø5/8 ID X 1-1/8 OD X 1/16 APPLIED #TRB-1018	1
B/O	-23	1			SPANNER WRENCH		Ø1-1/2 MCMASTER-CARR #5475A13	NS
B/O	-25	1			WAVE SPRING	STEEL	APPLIED SMALLEY RING CO # CS112-21	1
B/O	-27	1			ROTATING FLANGE NUT	STEEL	3/8-16 MCMASTER-CARR #90477A031	1
B/O	-29	1			TOOTH GUARD (FOR SHIPPING ONLY)	VINYL	Ø1-9/16 ID X 5/8 LONG	NS

USAGE TABLE	
BEARING #	STUD
X-XXXXXXX	-11A
7-211527014	-11B
RED BARN MACHINE PORTABLE BEARING CUTTERS	
DWG NO.	RBSC7038-P
MATL	DRAWN BY: GILBERT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/32 XX ± .01 ANGLES ± 5° X ± .1 1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
APPROVED HEAT TREAT FINISH SPEC USED ON MODEL	
SCALE	1:1.5
DATE	10/4/2012
SHEET 1 OF 7	

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REV				DESCRIPTION		DATE	INITIAL	APPROVED
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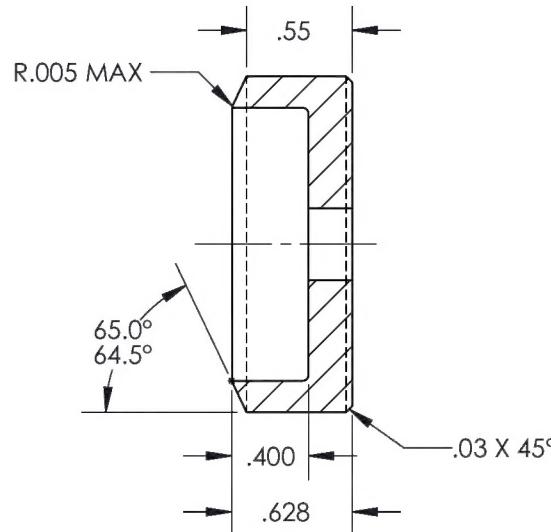
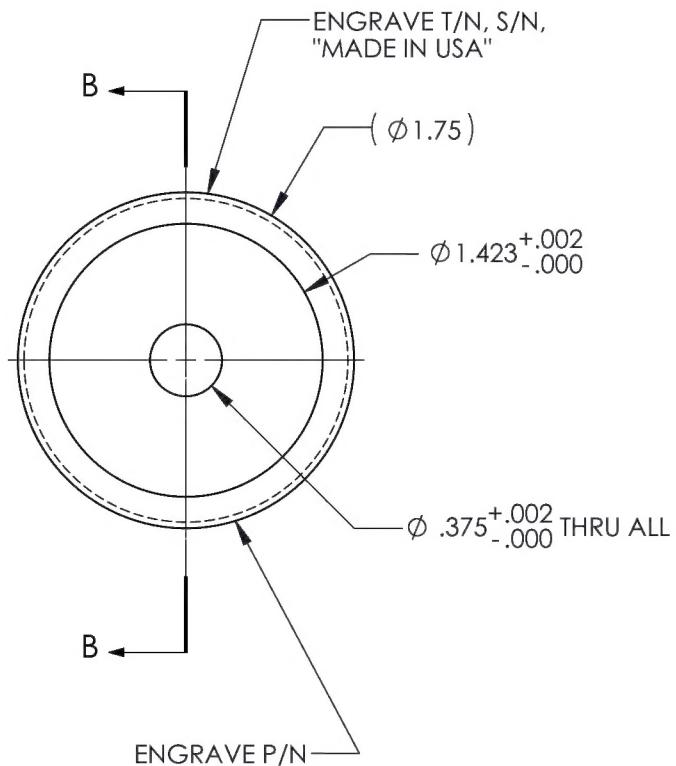
SECTION A-A

(-1)
SPRING TENSIONER

	RED BARN MACHINE	
TITLE	PORTABLE BEARING CUTTER	
DWG NO.	RBSC7038-P-1	REV 1
MATL	1018	DRAWN BY: GILBERT <i>D. Weil</i>
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D. Weil</i>	HEAT TREAT FINISH BLACK OXIDE
.XXX ± .005	FRACTIONS ± 1/32	
.XX ± .01	ANGLES ± .5°	
.X ± .1		
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	SPEC	USED ON MODEL
2. DIMENSIONAL LIMITS APPLY AFTER PLATING		
SCALE 1:1	DATE 10/4/2012	SHEET 2 OF 7

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REVISONS			
REV	DESCRIPTION	DATE	INITIAL APPROVED



(-3)

SEAT

SECTION B-B

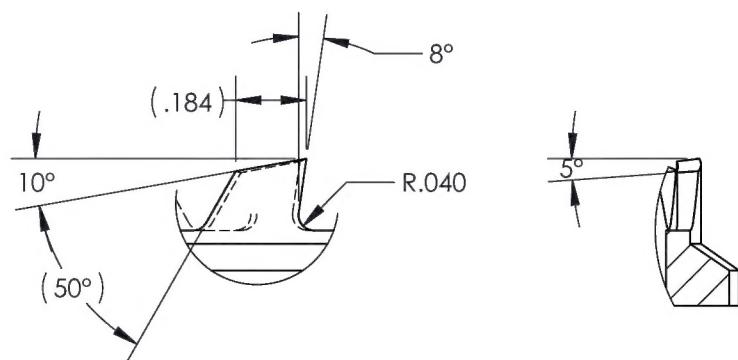
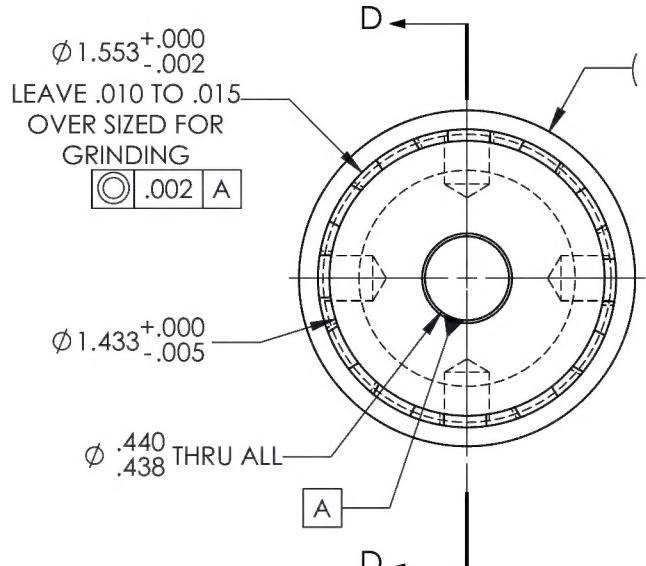
 RED BARN MACHINE

TITLE
PORTABLE BEARING CUTTER

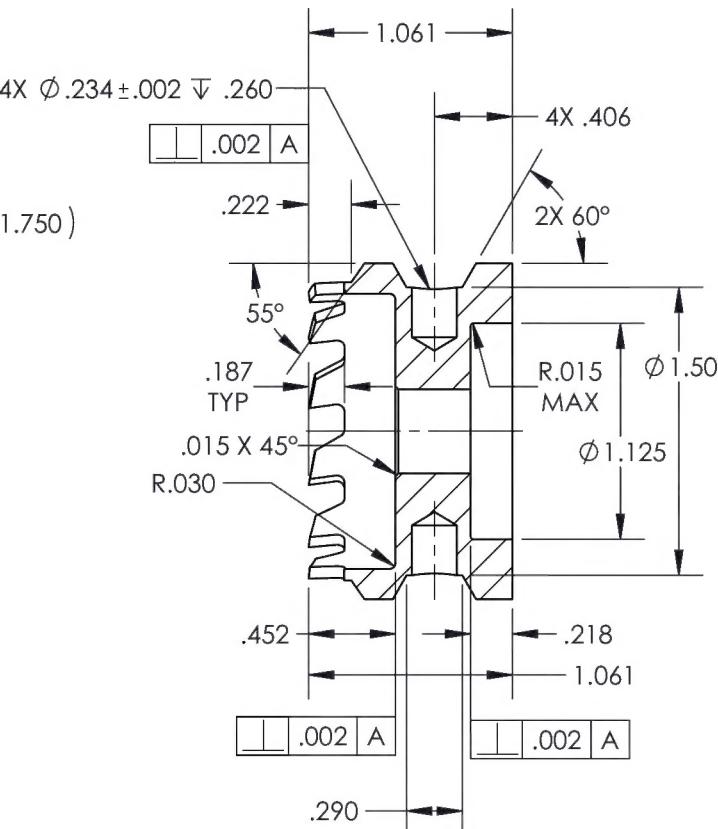
DWG NO.	RBSC7038-P-3	REV 1
MATL	4140 Q & T	DRAWN BY: GILBERT
UNLESS OTHERWISE SPECIFIED	APPROVED	
DIMENSIONS ARE IN INCHES	HEAT	
.XXX ± .005	TREAT	
.XX ± .01	FINISH	BLACK OXIDE
.X ± .1	SPEC	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	USED ON MODEL	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING		
SCALE 1:1	DATE 10/4/2012	SHEET 3 OF 7

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REV		DESCRIPTION		DATE	INITIAL	APPROVED
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DETAIL VIEW
SCALE 2 : 1
TYP TO 12 TEETH



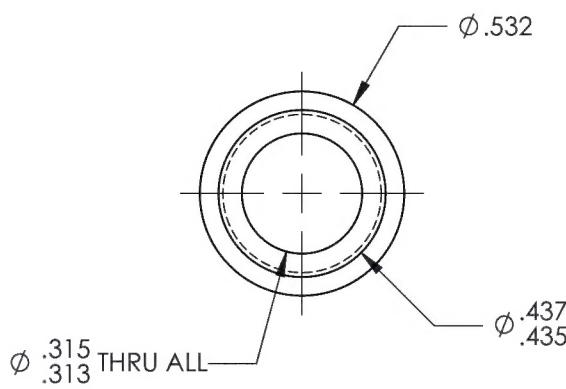
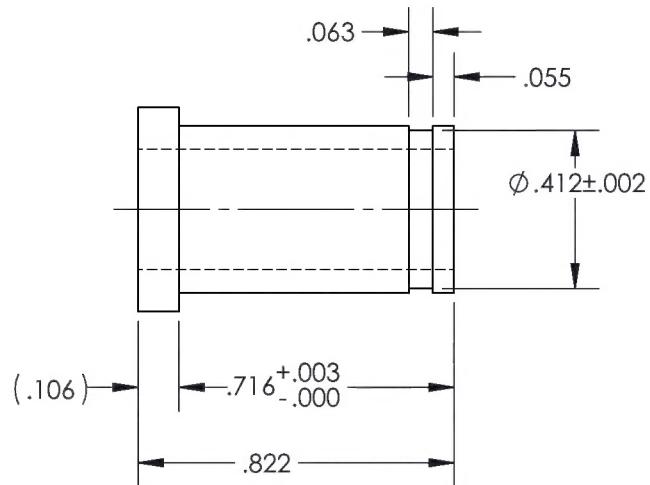
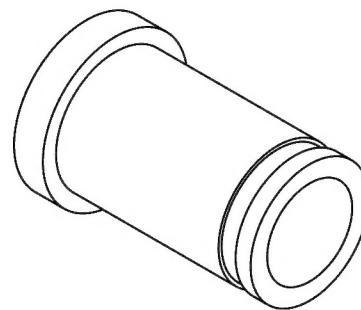
SECTION D-D

(-5)
CUTTER

RED BARN MACHINE	
TITLE	
DWG NO.	RBSC7038-P-5
MATL	0-1 DRILL ROD
	DRAWN BY: GILBERT
	APPROVED: <i>D. Weil</i>
	UNLESS OTHERWISE SPECIFIED
	DIMENSIONS ARE IN INCHES
	.XXX ± .005 FRACTIONS ± 1/32
	.XX ± .01 ANGLES ± .5°
	.X ± .1
	1. BREAK ALL SHARP EDGES .015 x 45°
	OR .015R
	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
SCALE	1:1
DATE	10/4/2012
SHEET	4 OF 7

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REVISONS			
REV	DESCRIPTION	DATE	INITIAL APPROVED

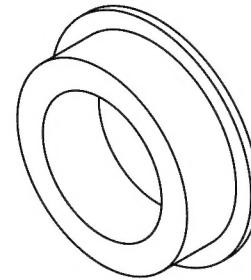
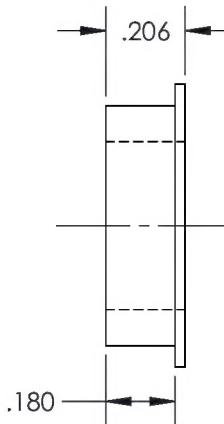
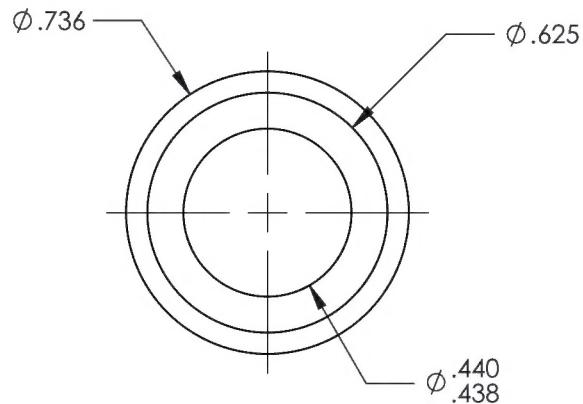


(7)
GUIDE

RED BARN MACHINE	
TITLE	PORTABLE BEARING CUTTER
DWG NO.	RBSC7038-P-7
MATL	DRAWN BY: GILBERT
BRONZE	REV 1
UNLESS OTHERWISE SPECIFIED	APPROVED <i>D Weil</i>
DIMENSIONS ARE IN INCHES	HEAT
.XXX ± .005	TREAT
.XX ± .01	FINISH
.X ± .1	SPEC
1. BREAK ALL SHARP EDGES .015 x 45°	USED ON MODEL
OR .015R	
2. DIMENSIONAL LIMITS APPLY AFTER	
PLATING	
SCALE 2:1	DATE 10/4/2012
	SHEET 5 OF 7

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REVISIONS			
REV	DESCRIPTION	DATE	INITIAL APPROVED

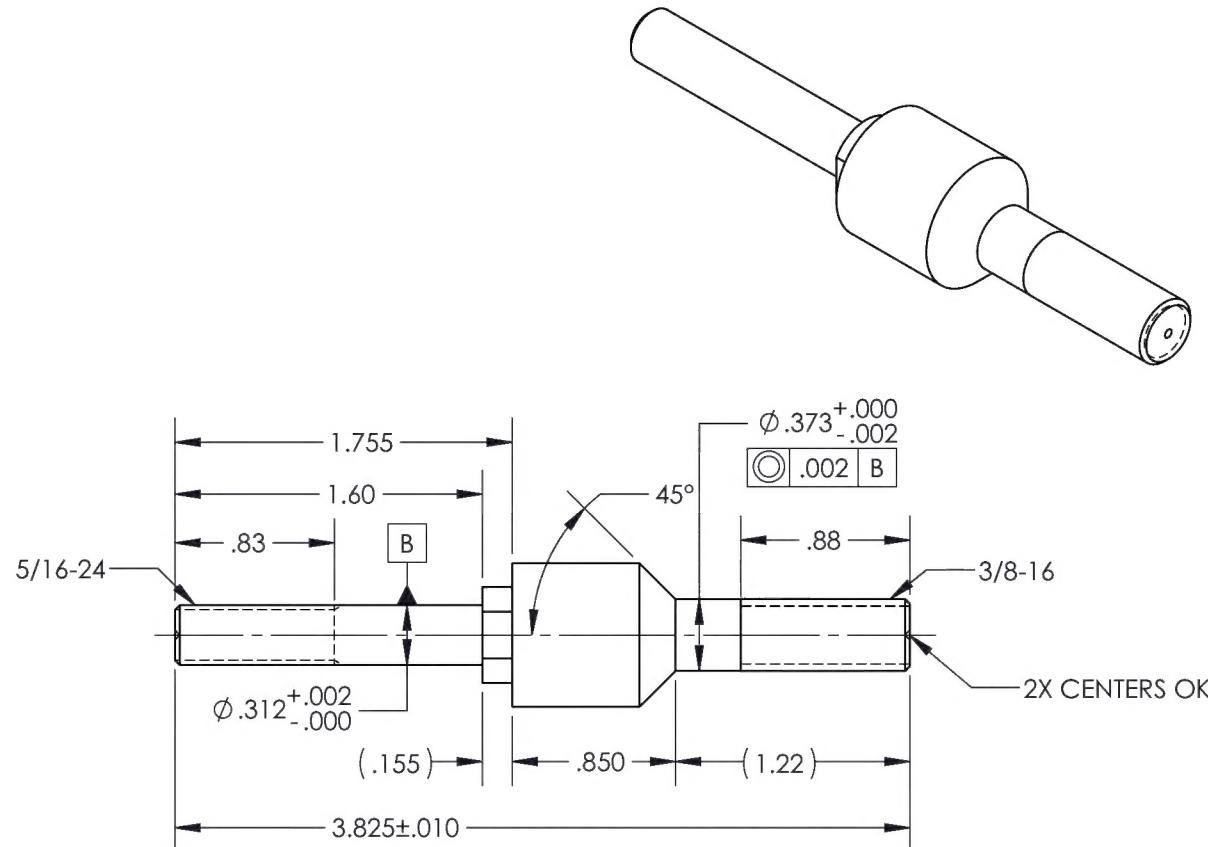
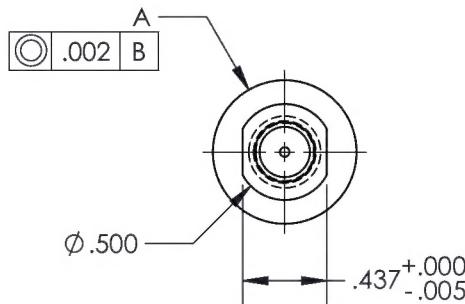


(-9)
BUSHING

RED BARN MACHINE	
TITLE	PORTABLE BEARING CUTTER
DWG NO.	RBSC7038-P-9
MATL	DRAWN BY: GILBERT
BRONZE	REV 1
UNLESS OTHERWISE SPECIFIED	APPROVED <i>D. Weil</i>
DIMENSIONS ARE IN INCHES	HEAT TREAT FINISH
.XXX ± .005	ANGLES ± .5°
.XX ± .01	
.X ± .1	
1. BREAK ALL SHARP EDGES .015 x 45°	SPEC
OR .015R	USED ON MODEL
2. DIMENSIONAL LIMITS APPLY AFTER	
PLATING	
SCALE 2:1	DATE 10/4/2012
	SHEET 6 OF 7

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REVISONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED
1	CH'D DIMENSION FROM .436/.432 TO .437 +.0/-005, ADDED REF DIMENSIONS	12/17/2012	JAG	



(-11)

STUD

 RED BARN MACHINE	
TITLE PORTABLE BEARING CUTTER	
DWG NO.	RBSC7038-P-11
MATL	4140 Q & T
UNLESS OTHERWISE SPECIFIED	DRAWN BY: GILBERT
DIMENSIONS ARE IN INCHES	APPROVED 
.XXX ± .005	FRACTIONS ± 1/32
.XX ± .01	ANGLES ± .5°
.X ± .1	
1. BREAK ALL SHARP EDGES .015 x 45°	HEAT TREAT
OR .015R	FINISH BLACK OXIDE
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	SPEC
	USED ON MODEL
SCALE 1:1	DATE 10/4/2012
	SHEET 7 OF 7

USAGE TABLE

PART #	DIM A	USED WITH BEARING
-11A	Ø.748+.000/-002	X-XXXXXXX
-11B	Ø.498+.000/-002	7-211527014